## 10/49,317 East Search 5/1/07 17m8 1/2

4/17/07 11:36 S4 4/11/07 14:09 S3 4/12/07 11:31 S2 4/11/07 14:10 S5 4/11/07 14:10 S5 4/11/07 14:10 S6 4/11/07 14:09 S7 4/11/07 14:09 S7 4/11/07 14:09 S6 4/12/07 12:29 S12 4/12/07 12:29 S13 4/12/07 12:29 S13 4/12/07 12:29 S14 4/12/07 12:29 S15 4/12/07 12:30 S19 4/12/07 12:30 S20 4/12/07 12:30 S19 4/12/07 12:30 S20 4/16/07 18:14 S25 4/16/07 18:14 S25 4/16/07 18:16 S31 4/16/07 18:18 S28 4/16/07 18:18 S28 4/16/07 18:18 S28 4/16/07 18:18 S28	11:54 11:54 11:56 11:53 13:08 13:09
US-PGPUB; USPAT; EPO; DERWENT USPAT; EPO; DERW	USPAT, ETO, USPAT, EPO,
cir same mask\$4 S1 same mask\$4 S1 same mask\$4 S4 and @ad<"20030303" S5 or S6 20040174940 and mask\$5 channel near4 impulse near4 respons\$1 S4 and @id=d<"20030303" (channel or impulse) near4 respons\$4 S9 same mask\$4 mask\$5 same (remov\$5 near5 (interfer\$6 or distort\$5 or noise)) S11 same S12 S11 same cir (channel near4 estimat\$6) channel near4 impulse near4 respons\$1 S11 same cir mask\$4 near5 (spectral or spectrum) S25 and @ad<"20030303" S11 and S12 S11 and S12 S10 and @ad<"20030303" S20 and @ad<"20030303" S23 same delay\$5 S28 same (channet\$4 or signal\$4) T190665, pn. and "1" S28 same (channet\$4 or signal\$4) envelop\$4 near5 (spectral or spectrum) S33 same delay\$5 S28 same (channet\$4 or signal\$4) envelop\$4 near5 (spectral or spectrum) S33 same delay\$5 ("Z00201019393) or "(6785342"), pN. specifically interfar86 or relighted or signal\$4) specifically interfar86 or relighted or relig	envelop\$5 same (remov\$5 near5 (interfet\$6 or distort\$5 or noise)) train\$5 same \$37 \$43 and @ad<"20030303" \$39 and \$40 \$20040174940 and multiply\$5 cross near4 correlat\$5 (mask\$4 or envelop\$5) same (remov\$5 near5 (interfer\$6 or distort\$5 or noise)) \$38 same peak\$4
29 33 18 18 24 24 24 25 25 25 2636 3 37 27 27 27 27 27 27 27 27 27 27 27 27 27	740 933 16 1 20212 2054 93
8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8	B B B B B B B B B B B B B B B B B B B

## 10/792,317 East Scarch Stips WMB 92

BRS 846 BRS 87 BRS 87	845582 8731 1	(mask\$4 or envelop\$5) inverse near4 matri\$5 6255898 pn. and (channel\$4 or impulse\$3 or respons\$4)	USPAT; EPO; USPAT; EPO; USPAT; EPO;	11:55 13:08 11:41
•	- 7	S51 same S52	USPAT; EPO;	13:09
- v:	149 530	S37 same neak\$4 near4 detect\$5	US-PGPUB; USPAT; EPO; DERWENT	4/1//0/ 13:52 S5/ 4/17/07 13:55 S59
•	2 5		USPAT; EPO;	14:08
.,	35	S39 and S42	EPO;	4/17/07 11:56 S43
	15	inverse near4 atri\$5	US-PGPUB; USPAT; EPO; DERWENT	4/17/07 13:08 S45
œ	8731	inverse near4 matri\$5		4/17/07 13:08 S46
7	107	auto near4 correlat\$5		4/17/07 13:08 S49
ĕ	920	S37 same peak\$4	USPAT;	4/17/07 13:51 S51
_	171	S47 same S37	; USPAT; EPO;	13:13
ਲੱ	592	S51 ande S52	USPAT; EPO;	13:09
	71	S47 same S49	US-PGPUB; USPAT; EPO; DERWENT	4/17/07 13:08 S50
7	05	S48 or S50	USPAT; EPO;	13:09
_	37	S47 with (S49 or (autocorrelat\$5))	USPAT; EPO;	13:15
	6	S51 and S52	US-PGPUB; USPAT; EPO; DERWENT	4/17/07 13:10 S55
	_	S56 and S57	_	4/17/07 13:15 S58
•	15	S59 same vector\$5 with correlat\$6	, USPAT; EPO;	4/17/07 13:52 S60
	0		US-PGPUB; USPAT; EPO; DERWENT	4/17/07 14:08 S61
_	80	S37 with despread\$5	USPAT; EPO;	13:55
	4	S62 same peak\$4 near4 detect\$5	USPAT; EPO;	13:55
•	<del>1</del>	S72 or S73 or S76	USPAT; EPO;	15:06
~	<del>1</del> 1	S72 or S71 or S76	USPAT; EPO;	
	2	S69 and S81	USPAT; EPO;	15:14
4	4189	S65 same equali\$6	USPAT; EPO;	15:14
ť	1901	(375/346,351).CCLS.	USPAT; EPO;	16:16
	7	S83 and S65 same S66	US-PGPUB; USPAT; EPO; DERWENT	5/1/07 16:16 \$84
` -	12	S70 and @rlad<"20030303"		15:05
.,	31	S70 and @pd<"20040302"		5/1/07 15:06 S76
.,	35	S70 and @ad<"20030303"		5/1/07 15:05 S71
	75	S69 same equali\$6	US-PGPUB; USPAT; EPO; DERWENT	5/1/07 15:13 S70
`-	15	S67 with (combin\$5 or subtract\$5 or add\$4)	US-PGPUB; USPAT; EPO; DERWENT	5/1/07 15:01 S68
7	235 .	S65 with S66	US-PGPUB; USPAT; EPO; DERWENT	5/1/07 14:56 S67
53	53676	cir or (channel\$4 near4 (impulse\$1 or response\$3))	US-PGPUB; USPAT; EPO; DERWENT	5/1/07 14:56 S66
7	258	(remov\$5 or cancel\$5) near4 (noise\$1 or interfer\$6) with S66		5/1/07 15:12 S69
848	848892	(mask\$4 or envelop\$5)	USPAT; EPO;	14:55
	2	S69 same S65	USPAT; EPO;	15:13
7	<b>Q</b>		USPAT; EPO;	16:16
	<del></del>	S76 not S73	US-PGPUB; USPAT; EPO; DERWENT	5/1/07 15:06 S79